# CashConcepts
# CCE 335

## Banknotenzählmaschine für gemischte Wertigkeiten

## Banknote counting machine for value mixed notes

Benutzerhandbuch

User Manual

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**Introduction**

Many thanks that you have decided on the CCE 335. This banknote counting machine should simplify you the processing and counting of bigger money amounts. Sorted banknotes can be counted by the different countable kinds and be checked for overlooked other noted, as well as unsorted banknotes can be counted by their value and can be listed and checked at the same time for counterfeit money. The CCE 335 offers therefore in the office area for all supermarkets and retail dealers, and also in the foremost front of the counterfeit money protection, e.g., at banks, used car traders or all other companies where bigger cash amounts all at once change the owner.

The easy use about the Soft-Touch-Panel, the numeric batch panel and the clear display makes it easy to work with the machine after for a short training phase without time-consuming installation and presentations.

Should you have questions to the CCE 335 banknote counting machine, we are available to you with pleasure.

***Your Team of CashConcepts***

**Warning**

**General**

- Please pay attention that no foreign objects (e.g., coins, paper clips) fall in the machine, these can block the engines and the sensitive sensors of the machine and damage or destroy them.
- Please note that during the countable process no ties, hair or clothes in the bank note are drawn in to avaoid injuries and damages to the machine.
- Please pay attention that none stuck, washed, strongly dirty or damaged banknotes is counted in the machine, these can hook up in the machine and tear.

**Electricity supply**

- Use the device only with the provided net part.
- Use no damaged or humid net parts or power supply lines.
- Connect the stream supply not with humid hands.
- During the change of the fuse the machine must be completely separated from the stream net to avoid an electric blow.

**Servicing**

- Always switch the power off during cleaning.
- Clean the machine with a dry cloth.
- Do not use wet or damp cloth or cleaning products.
- Do not spill any liquid or spray chemicals over the equipment.
- If any liquid is spilled on it, disconnect the power cable from the supply and contact your dealer.

**Representation of the machine**

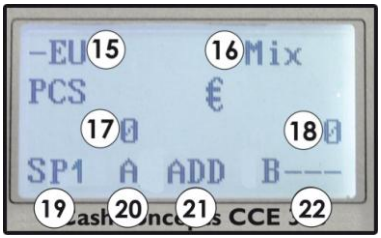
**Front view**

(1) Banknote limitation / Feeder
(2) Hopper & Hopper sensor
(3) Handle
(4) Function Panel (see below)
(5) Display (see below)
(6) Nummeric Panel (see below)
(7) Banknote transportation wheel
(8) Stacker & Stacker sensor

**Rear view**

(9) Adjustment wheel for banknote pressure
(10) Connection for printer by RJ-11 port
(11) On / Off switch
(12) Fuse
(13) Power connection
(14) Connection for updates by RS 232 port

**Display**




(15) Currency
(16) Counting mode
(17) Quantity of counted banknotes
(18) Value of counted banknotes
(19) Counting speed
(20) Automatic / Manual Start
(21) Add function on / off
(22) Batch counting on (numbers) / off

**Panel**

(23) MAN – Key
(24) BAT – Key
(25) MODE – Key
(26) ADD – Key
(27) CLR – Key
(28) CUR – Key
(29) REP – Key
(30) Speed – Key
(31) Nummeric – Keys (0-9)
(32) Restart – Key

**How to use the CCE 335**

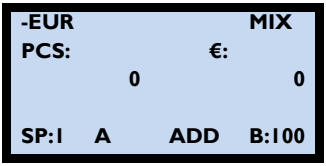
Please follow the below tips for using the machine to receive an optimum counting result.

- Connect the net plug with the outlet.
- Connect now the net cable with the CCE 335 and switch on the machine.
- The machine automatically starts in the mix note modus.
- Push the banknotes on a straight surface, so that the notes are terse on two sides and insert the banknotes centered in the feeder. Push both banknote guidance's to the pile near, so that the banknotes can be optimally drawn in.
- Should the banknotes not be centered or be inserted correctly, it can come to false countings or non-recognition of the notes.

**Setting and function**

**Add-function**

The CCE 335 disposes of an addition function with add the counting results of several banknote piles one after the other. By pressure of the key "ADD" you switch on this function or out. In the display the activated function is indicated on the left, should be counted more than 9.999 marks, the counter switch at 10,000 notes back to 0.



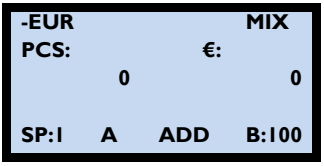

Automatic Start, ADD and Batch on (100 notes)

**Batch / Counting stop**

With the CCE 335 you have the possibilities to set up your own counting stop between 1 and 999 by using the numeric keys.

If the opposed batch value is reached, the machine stops the counting process. If the counted banknotes are taken out from the stacker, the machine counts the remained marks further to this have completely run through or the batch value once more is reached.

By pressure of the key "CLR" the batch value is deleted and the machine counts the inlaid notes without a stop.




Automatic Start on, ADD off and Batch on(100 notes)

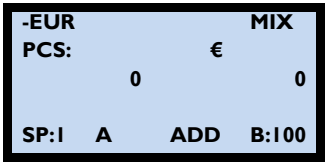
**Automatic / manual Start**

The CCE 335 disposes of an automatic start with the insertion of the banknotes. The activation of the automatic start occurs about the key "MAN" and is indicated by lighting up "A" beside the counting speed in the display.

Automatic Start, ADD and Batch off

**Counting speed**

Three different counting speeds can be chosen by the CCE 335. For strongly used notes you should not work in the highest counting speed, because such banknotes properly can't be drawn in correctly under circumstances. By pressure of the speed key you can toggle between the countable speeds 1 (800 / notes per minute), 2 (1,200 / notes per minute) and 3 (1,500 / notes per minute).




3 = 1.500 notes / minute
2 = 1.200 notes / minute
1 = 800 notes / minute

**Setting of the counting mode**

The CCE 335 can count sorted and mixed Euro banknotes. About the "MODE" key you are able to switch between both variations and the free count mode.

**Value counting / mixed banknotes (EU-MIX)**

In this countable mode you can count unsorted and sorted bank notes related to value and evaluate the result about the report menu. By pressure of the key "REP" you can have a clear overview how many banknotes from each denomination was counted. The report shows you the sum of each denomination and the total sum of all banknotes..

If you hold the "REP" key approx. 5 seconds pressed, the data will transfer to an optionally connected thermo printer.

Value Counting

| | | |
|---|---|---|
| €5 | 10 | 50 |
| €10 | 10 | 100 |
| €20 | 10 | 200 |
| €50 | 10 | 500 |
| €100 | 10 | 1.000 |
| €200 | 10 | 2.000 |
| €500 | 10 | 5.000 |
| Total | 70 | 8.850 |

Report for value couting

**Piece counting / sorted banknotes (EU-SORT)**

In this countable mode the machine stops, as soon as a note is recognized which deviates from the valence with the first note from the pile. You can search thus larger amounts of the same banknotes particularly for lower valences and grasp the total quantity of the banknotes.

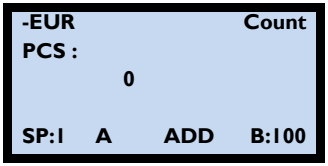
Sorted counting

**Free-Count-Mode (FREE-COUNT)**

In the free count mode the counterfeit money recognition is generally deactivated and the CCE 335 counts every kind of paper or note which property can processed by the machine.

**Free-Count-Mode with UV-detection (FREE-COUNT-UV)**

This mode works like the normal Free-Count-Mode with all paper that fits to the technical specifications of the CCE 335. In this mode all notes/papers will be checked also by the existence of UV security features.

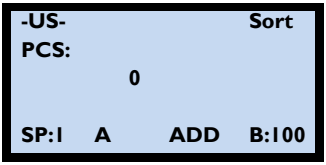



Free Count

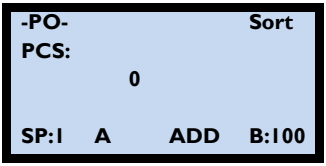
**Changing the currency**

The CCE 335 disposes the function to count other currencies in the sorted mode and to check this for security features. By pressing the button "CUR" you change between Euro and the other currencies. The available currencies are:

| | |
|---|---|
| Euro | Display: EUR |
| US-Dollar | Display: USD |
| British Pound | Display: GBP |
| Swiss Franc | Display: CHF |
| Danish Crown | Display: DKK |
| Swedish Crown | Display: SEK |




US – Dollar counting




British Pound counting

**Changes in the setup menu**

Please change the setup menu only after consultation an engineers of CashConcepts. By the change of the preset values it can come to false countings or increased refusals of banknotes.

Hold by turning on of the device the "REP" and “Speed” – buttons pressed to enter the setup menu. With the help of the "MODE" key you can navigate between the different sensor settings. By pressure of the key "ADD" you raise the sensitivity or with "BAT" reduce the delicacy of the suitable sensor. About the "RESTART" – key you leave the setup menue.

| Message in the display | Sensor | Factory setting |
|---|---|---|
| Width sensitive level | Format (height) | 4 |
| UV sensitive level | UV – Sensor | 4 |
| MG/MT sensitive level | MG/MT – Sensor | 2 |
| Color sensitive level | CIS – Sensor | 4 |
| IR sensitive level | IR – Sensor | 3 |
| Paper sensitive level | Thickness of the banknote | 4 |

**Factory setting**

If you want to restore the factory settings, please hold by turning on of the device the "CLR" key pressed and then confirm once with "RESET". Then the factory settings are loaded again.

**Mechanical settings**

By the transport and by wear of the transport roles in the upper area a post adjustment of the feeder can be necessary. At the rear side of the machine is a set wheel which can be easily pressed a little down and changes then by tricks the pressure on the banknotes. The set wheel must be pressed down while adjusting to prevent unintentional changing of the pressure.

If the CCE 335 draws not only one but also several banknotes, turn the set wheel in the direction of "-" sign and during you press the set wheel down.

If the CCE 335 does not draw in the banknotes, turn the set wheel in the direction of "+" sign and during you press the set wheel down.

**Error management and servicing**

The CCE 335 is equipped with a comprehensive error management to inform you about problems by the counting process and the counterfeit money recognition and also for the soiling of sensors. Please note particular the tips to exclude to the cleaning of the machine to avoid mistakes during the counting caused by dirtied sensors.

**Errors during the counting process**

| Error-Message | Error | Solution |
|---|---|---|
| Denomination different (F-P) | Divergent valence during sorted counting | Remove the note from the pile of the sorted banknotes. |
| UV error (F-F) | UV- signs was not recognized on the last note | Please repeat the countable process with the note, the banknote should be inserted in another direction, if the security sign should be partially damaged. If the not is also sorted out furthermore as suspicious it concerns perhaps counterfeit money or security signs are damaged too strongly to be recognized. |
| Magnetic feature fail (F-C,F-1,F-2,F-3) | MG or MT- signs was not recognized on the last note | |
| Cannot Judge Denomination (F-S) | The denomination was not recognized on the last note | |
| IR error (F-7,F-8) | IR- signs was not recognized on the last note | |
| Width error (Ed, EL) | Dimension error during the format recognition | |
| Slant notes (ES) | Slant notes | Please examine the note / notes and smooth them if necessary. Should these mistakes appear increased please adjust the drawn in pressure of the banknote by the adjustment wheel on the rear side of the machine. |
| Chained notes (EJ) | Chained notes | |
| Double notes (EC) | More than one banknote at once drawn in | |
| Incomplete notes | The banknote is damaged | Please remove the banknote from the pile to avoid a jam of the notes and to prevent that the notes become more damaged. |
| Receiver stack full (FUL) | Stacker is full | Please remove the counted notes from the stacker and go on with your counting process. |

**Errors caused by technical problems**

| Error-Message | Error | Solution |
|---|---|---|
| E00 | UV-Sensor | Please note that the CCE 335 does not stand directly under a floodlight or cover light, this can lead to mistakes in the UV sensor. |
| E10 | Hopper-Sensor | Please clean the hopper sensor. |
| E11 | Stacker-Sensor | Please clean the stacker sensor. |
| E30 | Counting-Sensor (left) | Please, clean with a paintbrush, air pressure spray or with special cleansing cloths the complete countable area of the banknotes run. You do not need to open the machine therefor. |
| E31 | Counting -Sensor (right) | |
| E60-E6B<br>E70-E7B | IR Sensor | |
| E50 | Rotation-Sensor | Please clean after arrangement with an engineer of CashConcepts the gearwheels of the rotation sensor, in addition the case of the machine must be opened. |
| E80 | Memory | Please put the machine back on the factory settings to solve this problem. |

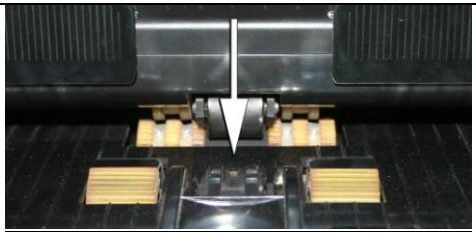
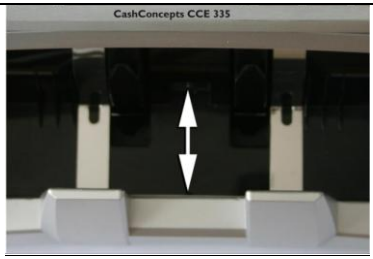
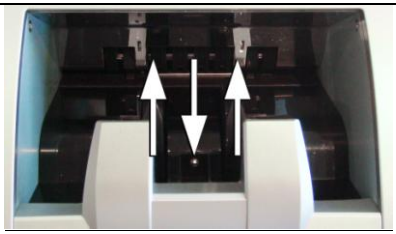
**Cleaning of the sensors.**
By the banknotes and by retreating dust it comes to depositions before the sensors of the machine. This pollution leads to increased errors and non-recognitions of real banknotes.

**Please clean at regular intervals the sensors of the CCE 335. Switch off the machine during the cleaning and remove the net cable from the device.**

With a soft paintbrush and cloth you can remove the coarse dust depositions from the sensors in the hopper- and stacker are as well as from the banknote conveyor wheels. To the cleaning of the counterfeit money sensors we recommend the additional application of a non-inflammable air pressure spray around to remove also at inaccessible places dirt and particulate dust.

Should you have questions to the right cleaning of the CCE 335, our service team is available to you of course with pleasure.

**Position of sensors:**

| | |
|---|---|
| **Hopper sensor** |  |
| **Stacker sensor** |  |
| **Counterfeit sensors and stacker sensor** |  |

**Replacing the fuse**
The CCE 335 is protected by a fuse which can be exchanged by you without big expenditure in case of need.

**Please switch off the machine before the change of the fuse and pull the net plug from the device. There is mortal danger on the basis of electric shocks by nonobservance.**

Draw off the cover of the fuse and exchange it with an equivalent one. The fastener of the fuse must be pressed after the change again firmly.

| Contained accessories | Optional accessories |
|---|---|
| Manual | Printer |
| Net cable | Cleaning kit |
| Cleaning brush | External Display |
| Dust cover | |
| Update cable | |

**Technical specification**

| | |
|---|---|
| Banknote dimensions: | 110 x 50 ~ 175 x 85 mm |
| Hopper/Stacker size: | 300 / 200 notes |
| Number of digits value-display: | 0 – 999.999 (6-digits) |
| Number of digits piece-display: | 0 – 9.999 (4-digits) |
| Power connection: | AC 230 V / 50 Hz |
| Power consumption: | 60 W |
| Operating temperature: | 0°C – 40°C |
| Air humidity: | 40 – 90 % |
| Dimensions: | 287 x 243 x 248 mm |
| Weight: | 6,5 kg |
| Counting speed: | 800 / 1.200 / 1.500 Banknotes per minute |

**Contact**

If it should once have problems with your CCE 335 which you can solve with the help of this manual, then you please get in contact to us by email and describe the problem, we will get in contact to you as soon as possible with a proposal for solution for the problem.

**info@cashconcepts.cc**

**Please retain your purchase documents for warranty claims. Do not remove, cover, damage or modify in any way the rating plate with serial number on the rear of the unit, otherwise you forfeit your warranty.**

**You will find this manual also in other languages on our website www.cashconcepts.cc under the topic "Download" for free downloading.**